

In the Claims

Please amend the claims as follows:

1 - 8 (cancelled)

9. (currently amended) A system for testing seal integrity of seal packages comprising:

a medical packaging device;

a peel tester integral with said medical packaging device;

a microprocessor within said medical packaging device coordinating with said peel tester;

and

a cutting mechanism attached to said peel tester or said medical packaging device;

wherein, said medical packaging device prompts an operator to test a sample of said sealed packages;

wherein, a sample is removed from said medical packaging device, cut to a predetermined size, and inserted into said peel tester;

wherein, said peel tester collects seal integrity data and ~~shares~~ share said data with said microprocessor; and

wherein, said microprocessor analyzes said data in correlation to set standards.

10. (original) The system of claim 9, further comprising an optical sensing device located adjacent to a seal platen of said medical packaging device.

11. (original) The system of claim 10, wherein said optical sensing device is a multi-spectrum light.

12. (original) The system of claim 10, wherein said optical sensing device inspects seal integrity at said seal platen during production operation of said medical packaging device.

13. (original) The system of claim 12, wherein said medical packaging device stops operation and notifies an operator when a breach in a seal is recognized by said sensing device.
14. (original) The system of claim 9, further comprising a handheld computing device.
15. (original) The system of claim 9, further comprising a modem.
16. (original) The system of claim 9, further comprising a visual inspection unit.
17. (original) The system of claim 16, wherein said visual inspection unit is integrally located adjacent a platen of said medical packaging device.
18. (original) The system of claim 16, wherein said visual inspection unit is externally connectable to said medical packaging device.
19. (new) An apparatus for testing seal integrity of a package, the apparatus comprising:
a housing that supports a medical packaging device that forms a seal on the package, a peel testing device that pulls apart the seal and collects data relevant thereto, and a microprocessor in communication with said medical packaging device and said peel testing device.
20. (new) An apparatus according to claim 19, further comprising:
a cutting mechanism supported by said housing that is manually operated by a user to cut a sample from the package.
21. (new) An apparatus according to claim 20, wherein:
said peel testing device includes a clamping mechanism that holds the sample.
22. (new) An apparatus according to claim 19, wherein:

said microprocessor is adapted to prompt a user to perform a peel test upon detection that said medical packaging device has performed a predetermined number of seal forming operations.

23. (new) An apparatus according to claim 19, wherein:

said microprocessor is adapted to analyze the data communicated from said peel tester device to ascertain compliance of the seal and to communicate to a user an indication of such compliance.

24. (new) An apparatus according to claim 23, wherein:

said microprocessor is adapted to selectively enable said medical packaging device in accordance with results of analysis of the data communicated from said peel tester.

25. (new) An apparatus according to claim 19, further comprising an optical sensing device supported within said housing that inspects integrity of the seal of the package.

26. (new) An apparatus according to claim 19, further comprising a handheld computing device.

27. (new) An apparatus according to claim 19, further comprising a data communication device adapted for bi-directional data communication to an external host system.